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HDC-Z10000
HD Camcorder

- Recording Professional-Quality 2D and 3D Images
- 3D Macro Shooting Close-ups to 45cm
- Manual Functions for Adjusting Images Exactly as Desired
- Audio System with XLR Inputs and Linear PCM Audio Compatibility
- Professional-Quality in Compact Size / Lightweight Body
- The World's 1st AVCHD 3D/Progressive Compatible (*As of 31 August 2011).

Twin-Lens 2D/3D Handheld Camcorder for Professional-Quality 2D & 3D Images

SENSOR SECTION

Image Sensor	1/4.1" MOS Sensor x 3 x 2
Total Pixels	9.15 megapixels (3.05 megapixels x 3)

Effective Pixles

Motion Image	[2D] 6.57 megapixels (2.19 megapixels × 3) [16:9] [3D] 6.21 megapixels (2.07 megapixels x 3) [16:9]
Still Image	[2D] [3D] 7.08 megapixels (2.36 megapixels x 3) [3:2] 6.57 megapixels (2.19 megapixels x 3) [16:9] 6.87 megapixels (2.29 megapixels x 3) [4:3]

LENS SECTION

F Value	[2D] F1.5 (WIDE) / F2.8 (TELE) [3D] F1.5 (WIDE) / F2.7 (TELE)
Optical Zoom	[2D] 12x [3D] 10x
Focal Length	[2D] 2.84 - 34.1 mm [3D] 2.84 - 28.4 mm
Optical Color Separation	Prism system

Trusted Reviews RECOMMENDED

Award

2011-11-14T14:06:35

HDC-Z10000, Trusted Reviews, Recommended Award, November 2011

RP-CHES15E-K

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RP-CHES30E-K

35 mm Film Camera Equivalent

Motion Image	[2D] 29.8 - 368.8 mm [16:9] [3D] 32.0 - 320.0 mm [16:9]
Still Image	[2D] 29.8 - 369.0 mm [3:2], 29.8 - 368.8 mm [16:9], 31.0 - 372.0 mm [4:3], [3D] 32.0 - 320.0 mm [16:9]

CAMERA SECTION

Standard Illumination	1400 lx
Minimum Illumination	5 lx (iA mode ON : 1/30)
Minimum Shooting Distance	[2D] Approx.1.2 m (all zoom range), Approx. 3.5 cm (Wide range macro) [3D] Approx.2.5 m (all zoom range), Approx. 45 cm (Wide range macro)
Focus	Auto/ Manual
White Balance	Auto/ White Set/ 3200K/ 5600K/ Ach/ Bch

Shutter Speed

Auto Slow Shutter ON	50p, 50i, 25p mode : 1/25 - 1/8000 sec 24p mode : 1/24 - 1/8000 sec
Auto Slow Shutter OFF	50p, 50i, 25p mode : 1/50 - 1/8000 sec 24p mode : 1/48 - 1/8000 sec
Iris	Auto/ Manual

Zoom

Optical Zoom	[2D] 12 x [3D] 10 x
Intelligent Zoom	[2D] 23 x
Digital Zoom	[2D] 30 x / 120 x
Image Stabilizer	[2D] Hybrid O.I.S.+ [3D] Power O.I.S.

RECORDING SECTION

Recording Media	SD Memory Card : 512 MB, 1 GB, 2 GB SDHC Memory Card : 4 GB, 6 GB, 8 GB, 12 GB, 16 GB, 24 GB, 32 GB SDXC Memory Card : 48 GB, 64 GB
SD Memory Card slot	2 slots
Recording Format	AVCHD 2.0 Standard (AVCHD 3D/ Progressive) Compliant
Compression Method	[2D] MPEG-4 AVC/ H.264 [3D] MPEG-4 MVC/ H.264
Signal System	[3D] 1080/50i, 1080/25p**, 1080/24*, [2D] 1080/50p, 1080/50i, 1080/25p**, 1080/ 24p*

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Thumbnail Display	20 thumbnails/page, 9 thumbnails/page, 1 thumbnails/page

Simultaneous Still Image Recording

Recording Format	JPEG (DCF/Exif2.2), MPO (CIPA-007-2009)
Aspect Ratio	16:9
Image Size	3 megapixels [JPEG], (2304 x 1296), 2.1 megapixels [JPEG], (1920 x 1080), 2.1 megapixels [MPO+JPEG], (1920 x 1080)

AUDIO SECTION

Recording System	Dolby Digital 5.1 / 2 ch, Linear PCM 2 ch
Sampling Frequency	48 kHz
Quantization	16 bit
Compressed Bit-Rate	Dolby Digital : 384 kbps (5.1 ch), 256 kbps (2 ch), Lenier PCM 1.5 Mbps (2ch)
Internal Microphone	5.1 Surround Mic, Zoom Mic, Gun Mic, Stereo Mic,
XLR Input	XLR 3-pin × 2 (INPUT 1, INPUT 2) LINE: 0 dBu, MIC: -50 dBu/-60 dBu (selectable in menu)
HDMI Output	Dolby Digital, Linear PCM
Headphone output	Stereo mini jack (3.5 mm diameter) × 1
Built-in Speaker	Dynamic Type (round)

GENERAL SECTION

Power Supply	7.2V (Battery) / 12V (AC Adaptor)
Power Consumption	Max. 16.7W (Recording)
Dimensions (W x H x D)	Approx. 145 x 195 x 350 [mm] (5.7 x 7.68 x 13.8 [inch])
Weight (w/o battery and SD card)	Approx. 1600g (3.53 lb)
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	10 % to 80 % (No condensation)
LCD Monitor	3.48" (8.83 cm) 16:9 Wide 3D LCD monitor (1,152,000 dots)
View Finder	0.45" (11.5 mm) 16:9 Wide EVF (Approx. 1,226,880 dots)
Manual Ring	Zoom, Focus, Iris
Manual Dial	3D Convergence

HDMI

HDMI Terminal	type A x 1
HDMI Output	1080p, 1080i, 480p, 576p
HD SDI Output	No
OSD Language	English, German, French, Italian, Spanish, Polish, Czech, Netherlandic, Turkish, Swedish, Hungarian, Russian

Standard Accessories

AC Adaptor	Yes
AC Cable	Yes

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DC Cable	Yes
Rechargable Battery	Yes (5,400 mAh)
Battery Charger	Yes
IR Remote with Lithium Metal Battery	Yes
AV Cable	No
Component AV Cable	Yes
S Cable	No
D Cable	No
HDMI Cable	No
USB Cable	Yes
SD Memory Card	No
Stylus Pen	Yes (TBD)
Lens Cap	Yes
Bandled Software	HD Writer XE 1.0
NOTE	*24p=23.98p **1080/25p is recorded in 1080/50i mode. Specifications are subject to change without notice.